Title (en)

OXYGEN SCAVENGER COMPOSITION AND METHOD FOR PRODUCING SAME

Title (de)

SAUERSTOFFFÄNGERZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

COMPOSITION DÉSOXYGÉNANTE ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 4173691 A1 20230503 (EN)

Application

EP 21833034 A 20210629

Priority

- JP 2020112863 A 20200630
- JP 2021024613 W 20210629

Abstract (en)

An oxygen scavenger composition contains a mixed granule of a composition containing a water retention agent, a swelling agent, a metal halide, water, an iron and an alkaline substance, wherein the alkaline substance contains at least one selected from the group consisting of hydroxides of alkali metals, hydroxides of alkaline earth metals and salts composed of a weak acid and a strong base.

IPC 8 full level

B01D 53/14 (2006.01); **A23L 3/3436** (2006.01); **B01J 20/02** (2006.01); **B01J 20/30** (2006.01); **B65D 81/26** (2006.01)

CPC (source: EP US)

B01D 53/46 (2013.01 - US); **B01J 20/02** (2013.01 - EP); **B01J 20/0229** (2013.01 - US); **B01J 20/041** (2013.01 - EP US); **B01J 20/046** (2013.01 - US); **B01J 20/103** (2013.01 - US); **B01J 20/12** (2013.01 - US); **B01J 20/14** (2013.01 - US); **B01J 20/20** (2013.01 - US); **B01J 20/24** (2013.01 - US); **B01J 20/28004** (2013.01 - EP); **B01J 20/28011** (2013.01 - EP); **B01J 20/28016** (2013.01 - EP); **B01J 20/2803** (2013.01 - US); **B01J 20/2805** (2013.01 - EP US); **B01J 20/3028** (2013.01 - EP US); **B01J 20/3042** (2013.01 - US); **B65D 81/266** (2013.01 - US); A23L 3/3436 (2013.01 - EP US); B01D 53/02 (2013.01 - EP); B01D 2251/404 (2013.01 - US); B01D 2251/604 (2013.01 - US); B01D 2253/112 (2013.01 - EP US); B01D 2257/104 (2013.01 - EP US)

Cited by

EP4299161A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4173691 A1 20230503; **EP 4173691 A4 20240131**; CN 115996783 A 20230421; JP WO2022004740 A1 20220106; KR 20230031198 A 20230307; TW 202208059 A 20220301; US 2023264168 A1 20230824; WO 2022004740 A1 20220106

DOCDB simple family (application)

EP 21833034 A 20210629; CN 202180045493 A 20210629; JP 2021024613 W 20210629; JP 2022534053 A 20210629; KR 20227041407 A 20210629; TW 110123937 A 20210630; US 202118012534 A 20210629